



ATTACHMENT A

1. (Currently Amended): A process for preparing a propylene polymer composition ~~compositions~~ in an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer ~~or a propylene copolymer comprising propylene and at least one C₂-C₁₀-1 alkene other than propylene, comprising at least 85% by weight of propylene,~~ is prepared by polymerization, and

in a second polymerization stage, ethylene and ~~at least one comonomer selected from propylene and C₄-C₁₀-1-alkenes,~~ are polymerized to give an ethylene/propylene copolymer ~~ethylene polymer~~ comprising from 95% to 99.5% ~~at least 90%~~ by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer ~~ethylene polymer~~ in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg.

2. (Currently Amended): The process as claimed in claim 1, wherein the propylene homopolymer ~~or propylene copolymer~~ prepared in the first polymerization stage comprises a melt flow rate, MFR, from 5 to 150 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg.

3. (Cancelled)

4. (Previously presented): The process as claimed in claim 1, wherein both the first and the second polymerization stages are carried out in gas phase.

5. (Currently Amended): The process as claimed in claim 4, wherein in the first polymerization stage the polymerization is carried out at a pressure from 10 to 50 bar and a temperature from 50 to 100°C, in presence of a polymerization-active catalyst system; the propylene homopolymer ~~polymer~~ obtained in the first polymerization stage together with the catalyst system is introduced into an intermediate vessel, depressurized to less than 5 bar for from 0.01 to 5 minutes and the pressure in the intermediate vessel is then increased from 5 to 60 bar by injection of a gas mixture whose composition differs from the composition of the gas mixture of the first polymerization stage; the propylene homopolymer ~~polymer~~ together with the catalyst is subsequently transferred to the second polymerization stage and further polymerized at a pressure from 10 to 50 bar and a temperature from 50 to 100°C.

6. (Cancelled)

7. (Currently Amended): The process as claimed in claim 1, wherein the second polymerization stage is followed by a further stage in which an ethylene-C₃-C₁₀-1-alkene copolymer comprising a crystallinity lower than ~~that of~~ the ethylene/propylene copolymer ~~ethylene-polymer~~ formed in the second stage is polymerized.

8. (Currently Amended): A process for preparing a polymer composition ~~compositions~~, comprising (1) preparing a propylene polymer composition in an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer ~~or a propylene copolymer comprising propylene and at least one C₂-C₁₀-1-alkene other than propylene, comprising at least 85% by weight of propylene,~~ is prepared by polymerization, and

in a second polymerization stage, ethylene and ~~at least one comonomer selected from propylene and C₄-C₁₀-1-alkenes,~~ are polymerized to give an ethylene/propylene copolymer ~~ethylene polymer~~ comprising from 95% to 99.5% ~~at least 90%~~ by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer ~~ethylene polymer~~ in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg; and

(2) subsequently mixing an ethylene-C₃-C₁₀-1-alkene copolymer comprising a crystallinity lower than that of the ethylene/propylene copolymer ~~ethylene polymer~~ formed in the second polymerization stage.

9. (Cancelled)

10. (Currently Amended): A propylene polymer composition obtained by an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer ~~or a propylene copolymer comprising~~

~~propylene and at least one C₂-C₁₀-1 alkene other than propylene, comprising at least 85% by weight of propylene,~~ is prepared by polymerization, and in a second polymerization stage, ethylene and ~~at least one comonomer selected from propylene and C₄-C₁₀-1-alkenes,~~ are polymerized to give an ethylene/propylene copolymer ~~ethylene—polymer~~ comprising from 95% to 99.5% ~~at least 90%~~ by weight of ethylene, wherein the amount of the ethylene/propylene copolymer ~~ethylene—polymer~~ in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg.

11. (Currently Amended): A method for producing films, fibers or moldings comprising extruding or molding a propylene polymer composition to form the films, fibers or moldings, the propylene polymer composition obtained by an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer ~~or a propylene copolymer comprising propylene and at least one C₂-C₁₀-1 alkene other than propylene, comprising at least 85% by weight of propylene,~~ is prepared by polymerization, and in a second polymerization stage, ethylene and ~~at least one comonomer selected from propylene and C₄-C₁₀-1-alkenes,~~ are polymerized to give an ethylene/propylene copolymer ~~ethylene—polymer~~ comprising from 95% to 99.5% ~~at least 90%~~ by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer ~~ethylene polymer~~ in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg.

12. (Currently Amended): A film, fiber or molding comprising a propylene polymer composition, the propylene polymer composition obtained by a process, wherein the process comprises at least two-stages, and

in a first polymerization stage, a propylene homopolymer ~~or a propylene copolymer comprising propylene and at least one C₂-C₁₀-1 alkene other than propylene, comprising at least 85% by weight of propylene,~~ is prepared by polymerization, and
in a second polymerization stage, ethylene and ~~at least one comonomer selected from propylene and C₄-C₁₀-1 alkenes,~~ are polymerized to give an ethylene/propylene copolymer ~~ethylene polymer~~ comprising from 95% to 99.5% ~~at least 90%~~ by weight of ethylene; and

wherein the amount of the ethylene/propylene copolymer ~~ethylene polymer~~ in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min in accordance with ISO 1133 at 230°C and 2.16 kg.

13. (Cancelled):

14. (Currently Amended): A propylene polymer composition obtained by a process comprising (1) preparing a propylene polymer composition in an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer ~~or a propylene copolymer comprising propylene and at least one C₂-C₁₀-1 alkene other than propylene, comprising at least 85% by weight of propylene,~~ is prepared by polymerization, and

in a second polymerization stage, ethylene and ~~at least one comonomer selected from propylene and C₄-C₁₀-1 alkenes,~~ are polymerized to give an ethylene/propylene copolymer ~~ethylene polymer~~ comprising from 95% to 99.5% ~~at least 90%~~ by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer ~~ethylene polymer~~ in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg; and

(2) subsequently mixing an ethylene-C₃-C₁₀-1-alkene copolymer comprising a crystallinity lower than ~~that~~ ~~of the~~ ethylene/propylene copolymer ~~ethylene polymer~~ formed in the second polymerization stage.

15. (Currently Amended): A film, fiber or molding comprising a propylene polymer composition obtained by a process comprising (1) preparing a propylene polymer composition in an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer ~~or a propylene copolymer comprising~~

~~propylene and at least one C₂-C₁₀-1 alkene other than propylene, comprising at least 85% by weight of propylene,~~ is prepared by polymerization, and in a second polymerization stage, ethylene and ~~at least one comonomer selected from propylene and C₄-C₁₀-1-alkenes,~~ are polymerized to give an ethylene/propylene copolymer ~~ethylene-polymer~~ comprising from 95% to 99.5% ~~at least 90%~~ by weight of ethylene, wherein the amount of the ethylene/propylene copolymer ~~ethylene-polymer~~ in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprising a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg; and

(2) subsequently mixing an ethylene-C₃-C₁₀-1-alkene copolymer comprising a crystallinity lower than ~~that~~ of the ethylene/propylene copolymer ~~ethylene-polymer~~ formed in the second polymerization stage.